

Claims

1. Use of a GLP-1 agonist for the manufacture of a medicament for lowering total serum lipids.
2. Use of a GLP-1 agonist for the manufacture of a medicament for lowering LDL.
3. Use of a GLP-1 agonist for the manufacture of a medicament for lowering small, dense LDL.
4. Use of a GLP-1 agonist for the manufacture of a medicament for lowering VLDL.
5. Use of a GLP-1 agonist for the manufacture of a medicament for lowering triglycerides.
6. Use of a GLP-1 agonist for the manufacture of a medicament for lowering cholesterol.
7. Use of a GLP-1 agonist for the manufacture of a medicament for increasing HDL.
8. Use of a GLP-1 agonist for the manufacture of a medicament for lowering plasma levels of Lp(a) in a human.
9. Use of a GLP-1 agonist for the manufacture of a medicament for inhibiting generation of apo(a) in a human.
10. Use of a GLP-1 agonist for the manufacture of a medicament for treating dyslipidemia.
11. The use according to any one of claims 1-10 wherein the GLP-1 agonist binds to a GLP-1 receptor with an affinity constant, K_D , below 1 μ M.
12. The use according to any one of claims 1-11 wherein the GLP-1 agonist is selected from Arg²⁶, Lys³⁴(N- ϵ -(γ -Glu(N- α -hexadecanoyl)))-GLP-1(7-37), Arg³⁴, Lys²⁶(N- ϵ -(γ -Glu(N- α -hexadecanoyl)))-GLP-1(7-37), exendin-3, exendin-4, Val⁸-GLP-1(7-37), Thr⁸-GLP-1(7-37), Met⁸-GLP-1(7-37), Gly⁸-GLP-1(7-37).

13. A method of lowering total serum lipids, which method comprises administering to a subject an effective amount of a GLP-1 agonist.

14. A method of lowering LDL, which method comprises administering to a subject an effective amount of a GLP-1 agonist.

15. A method of lowering small, dense LDL, which method comprises administering to a subject an effective amount of a GLP-1 agonist.

16. A method of lowering VLDL, which method comprises administering to a subject an effective amount of a GLP-1 agonist.

17. A method of lowering triglycerides, which method comprises administering to a subject an effective amount of a GLP-1 agonist.

18. A method of lowering cholesterol, which method comprises administering to a subject an effective amount of a GLP-1 agonist.

19. A method of increasing HDL, which method comprises administering to a subject an effective amount of a GLP-1 agonist.

20. A method of inhibiting generation of apo(a) in vitro or in vivo by administering a GLP-1 agonist.

21. A method of lowering plasma levels of Lp(a) in a human, comprising administering to said human an effective amount of a GLP-1 agonist.

22. A method of inhibiting generation of apo(a) in a human, comprising administering to said human an effective amount of a GLP-1 agonist.

23. A method for treating dyslipidaemia which method comprises administering to a subject an effective amount of a GLP-1 agonist.

24. The method according to any one of claims 13-23 wherein the GLP-1 agonist binds to a GLP-1 receptor with an affinity constant, K_D , below 1 μM .

25. The method according to any one of claims 13-23 wherein the GLP-1 agonist is selected from Arg²⁶, Lys³⁴(N-ε-(γ-Glu(N-α-hexadecanoyl)))-GLP-1(7-37), Arg³⁴, Lys²⁶(N-ε-(γ-Glu(N-α-hexadecanoyl)))-GLP-1(7-37), exendin-3, exendin-4, Val⁸-GLP-1(7-37), Thr⁸-GLP-1(7-37),
5 Met⁸-GLP-1(7-37), Gly⁸-GLP-1(7-37).